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DATA ON 1951 OPERATIONS OF EK4-TURBINE, DRESDEN

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Short Annual Report of FWM-Turbine for 1951, With Comparative Figures for 1949 and 1950

	Unit	1949	1950	1951 Plan	1951 Actual	1951 in % of 1950	Fulfillment of 1951 Plan (%)
1. Average Personnel Strength During the Year							
Workers	En	97	192	274	276	144	101
Salaried employees	"	38	104	152	168	162	111
Apprentices	"	18	39	74	76	195	103
Total, not including personnel whose pay is charged to overhead (Gemeinkosten)*	"	153	335	500	520	156	104
2. Cost of Goods Produced							
Cost of material used in production	1,000 marks	191	388	550	644	166	117
Cost of material charged to overhead	"	143	204	285	256	126	90
Wages charged to production	"	195	445	658	640	144	97
Wages charged to overhead	"	85	353	472	608	173	129
Salaries charged to production	"	52	9	22	13	145	59
Salaries charged to overhead	"	140	650	1,108	1,140	165	103
Social insurance expenses	"	122	182	290	260	143	90
Taxes and excises	"	35	23	35	32	139	91
EDM dues	"	32	37	50	42	114	84

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Miscellaneous	1,000 marks	39	69	105	91	132	84
Special production costs	"	536	235	260	240	102	92
Special distribution costs	"	43	58	100	101	174	101
Depreciation expenses	"	53	70	110	95	136	86
Interest	"	7	2	10	9	450	90
Total	"	1,673	2,765	4,055	4,171	151	103
Additional expenses	"	--	--	--	183	--	--
Total cost of goods produced	"	1,673	2,765	4,055	4,354	158	108

3. Cost Calculation

Cost of material used in production	1,000 marks	191	388	550	644	166	117
Cost of material charged to overhead	"	67	127	138	161	127	117
Wages and salaries charged to production	"	247	454	680	653	144	96
Production costs charged to overhead	"	530	855	1,110	1,031	121	93
Special production costs	"	365	621	1,057	1,351	218	128
Total production costs	"	1,400	2,445	3,535	3,839	157	109
Administrative expenses	"	135	154	240	281	183	117
Distribution expenses	"	89	76	125	96	126	77

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Special distribution expenses	1,000 marks	43	58	100	101	174	101
Expenses resulting from production waste (seconds, etc)	"	6	32	55	37	116	67
Total cost of goods produced	"	1,673	2,765	4,055	4,354	158	108
4. Production: Steam turbines							
Up to 50 kilowatt capacity	Ea	419	622	160	161	26	101
	1,000 marks	503	977	100	176	18	176
50-175 kilowatt capacity	Ea	12	8	60	86	1,080	143
	1,000 marks	223	119	416	723	609	174
175-500 kilowatt capacity	Ea	1	7	40	28	400	70
	1,000 marks	44	168	400	284	169	71
Over 500 kilowatt capacity	Ea	2	3	20	18	600	90
	1,000 marks	20	196	864	792	405	92
Steam turbines, total	Ea	434	640	280	293	46	105
	1,000 marks	970	1,460	1,780	1,975	135	111
	Kw	4,500	6,972	25,000	28,799	413	115
Compressors, valves	Ea	--	--	2	18	--	900
	1,000 marks	--	--	195	23	--	12

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Spare parts and attachments	1,000 marks	170	214	350	330	154	94
Repairs performed in the plant	"	270	137	80	158	115	198
Assembly work performed outside the plant	"	90	78	70	167	214	239
Contract processing <u>for</u> materials supplied by customer	"	--	16	25	30	187	120
Research and development	"	--	47	--	177	377	--
Production, total	"	1,500	1,952	2,500	2,860	146	115
5. Sales							
Orders on hand 1 Jan	"	600	1,166	2,375	2,375	204	100
Orders received	"	1,885	2,820	5,125	5,844	208	114
Orders filled	"	1,319	1,611	2,500	2,849	177	115
Orders on hand 31 Dec	"	1,166	2,375	5,000	5,370	227	108
Less partial deliveries against orders	"	--	--	--	1,070	--	--
Work performed for the workshop	"	800	1,700	4,000	4,300	253	108
Work performed by basic production workers involved in this work	1,000 man-hours	65	140	320	350	250	110
6. Work performed							
Finished goods sold	1,000 marks	1,564	2,125	2,500	3,720	175	149
Intraplant work	"	163	458	793	815	178	103

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Goods-in-process, semifinished and finished goods	-	200	+466	+707	-377	--	--
Work performed, total	-	1,927	3,049	4,000	4,158	137	104

7. Productivity

Average personnel strength	Ea	153	335	500	520	156	104
Productivity per employee** per year	Marks	12,600	9,100	8,000	8,000	88	100
Productivity per [production] worker per year	Marks	19,900	15,900	14,600	15,100	95	103

8. Operating Results

Production: Loss	1,000 marks	7.9	--	135	194		
Profit	"	--	21.2	--	--		
Neutral***: Loss	"	--	0.8	140	385		
Profit	"	54.5	--	--	--		
Director's fund: Loss	"	19.0	60.0	90	91		
Total: Profit	"	27.6	--	--	--		
Loss	"	--	39.6	365	670		

9. Lowering of Costs

1,000 marks	--	-60	-87	+317
Percent	-	-6	-4.7	+8

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10. Production Waste (seconds, etc.)	Marks	6,200	10,398	48,000	45,135	--	94
11. Personnel strength on 31 Dec, not including personnel whose pay is charged to overhead	No.	238	437	542	557	128	103
		*	*	*			
	Unit	1949	1950	1951	1952	1953	
12. Basic Plan Figures							
Workers	No.	97	192	275	390	633	
Salaries employees	"	38	104	155	200	222	
Apprentices	"	18	39	76	110	105	
Total, not including personnel whose pay is charged to overhead or research and development personnel	"	153	335	506	700	960	
Value of production	1,000 marks	1,564	2,125	2,800	4,600	9,500	
Production per employee** per year	Marks	10,200	6,340	5,540	6,570	9,900	
Production per [production] worker per year	Marks	16,200	11,000	10,200	11,800	15,000	
Investments, total	1,000 marks			248	3,600	1,900	

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